

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Unseasonably cool temperatures continued throughout Oregon. High temperatures ranged from 58 degrees in Crescent City to 86 degrees in Ontario. Low temperatures ranged from 25 degrees in Burns and Christmas Valley to 49 degrees in The Dalles. Eighteen stations reported at least three days of rain. Thirty-six out of forty-three stations reported measureable precipitation, with the largest accumulation reported at Heppner with 1.05 inches. Seventeen stations reported lower than normal precipitation levels for the year, while all north central and both southeast cities reported higher than normal precipitation levels.

Field Crops: Although this week saw less rain in most places allowing hay cutting to begin, some counties still did not even attempt to begin cutting. Rust was still a concern in wheat. Of those that had corn planted, growth was stunted by the weather or little to no growth could be seen. Red Clover was still waiting for chopping conditions to improve. Crimson clover was maturing well.

Vegetables: Delays continued for vegetable growers. Processing vegetable planting in Clackamas County was seriously behind schedule. Lane County reported that sweet corn plantings were only 30 percent complete as of last week. The sweet corn that has been planted is up but slow growing. The weather was fair enough last week to permit growers to continue planting, spraying and fertilizing vegetables.

Fruits and Nuts: Strawberries were finally going to the processors. There were many varieties available at farmer's markets and roadside stands. The caneberry crop was looking good at this point in the season in Linn County. Growers were spraying fungicide on their blueberries in Washington County by helicopter. In southern Oregon, vineyards needed warmer weather. In the northern Willamette Valley, grapes were leafing rapidly. Pinot noir grapes in Hood River County were at Eichhorn-Lorenz stages 15 through 17. Cherry fruit fly sprays were being applied to the crop. No cherries were picked in Wasco County but they expect to pick this week. There were reports of Filbertworm emergence in Yamhill County. Apples needed thinning in Lane County.

Nurseries and Greenhouses: Greenhouses were still pushing starts out to various outlets. Nurseries were also busy selling plants and keeping up with stock on hand.

Livestock, Range and Pasture: Range and pasture were still in great condition last week. Moisture was minimal, but warmer temperatures and previous rains have helped grass growth. Some areas were still in need of higher temperatures for optimal growth. Livestock were looking good.

Soil Moisture - Week Ending 06/20/10

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	6	61	32
Subsoil	1	11	63	25

Crop Progress - Week Ending 06/20/10

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Alfalfa hay, first cutting	53	50	82	63
Winter wheat headed	96	80	99	97
Days suitable for fieldwork	5.0	4.0	5.4	6.0

Crop Condition - Week Ending 06/20/10

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	1	7	24	49	19
Spring wheat	0	4	20	50	26
Barley	0	4	10	60	26
Corn	0	1	22	77	0
Range and pasture	0	2	19	55	24

Western Oregon

CLACKAMAS: Weather was still too wet. Processing vegetable planting was seriously behind schedule. Strawberries were hit with dirt, mold, and slugs. No dry hay was even attempted, and even haylage harvest was dicey. Red Clover was still waiting for chopping conditions to improve.

CURRY: There was no rain this past week. Hill-slope pastures were starting to dry out. Lightly grazed or not mowed grasses were heading out. Pastures were still in remarkably good shape for this time of year.

DOUGLAS: The weather finally turned dry for the week so topsoil has dried enough for field work to continue. Spraying was the primary activity along with planting and fertilizing vegetable crops. The weather is still cool so crop development continued to be slow. Some concern was mounting for wine grape development. We were about two weeks behind normal flowering date. Leaf disease continued to be present in nearly all crops.

JACKSON: Cooler than normal temperatures persisted throughout the week. Minimal precipitation allowed first cutting grass hay and alfalfa to be cut and should be close to wrapping up if the weather next week will cooperate. Continued to look for a consecutive 80 degree days so fruit growth can take off. Minimal precipitation last week came in the form of scattered thunder showers and should have had little effect on first cutting hay. Grass and alfalfa hay looked to be in good shape. Nice and green with lots of full growth. Grain crops were looking good. Fruit orchards were nice and green, and weather has been good for and needed spraying. Vineyards were looking good, but could use some warmer weather. Greenhouses were pushing to get spring starts out. There were still lots at outlets. Nurseries were busy with sales and routine stock upkeep. This was a good week for vegetable gardeners. Good weather for working the soil. All livestock were looking good and off to a good start. Pastures were ok now, but will soon dry out with warmer weather. This week has been dryer, but still some clouds and about 10 degrees below normal for the time of year. There were nice days to get outside work done. There was no sighting of any corn.

JOSEPHINE: Low overnight temperatures were between 36 to 50 degrees, and high daytime temperatures were between 50 to 70 degrees. There was overcast for 3 days, cool and breezy. Had two showers move through the area but no measurable precipitation. They were extremely late getting in most gardens. There was some hay down but a lot more to cut. It was a very busy week trying to catch-up.

LANE: Still cool and not very warm, only three days of weather around 65-75 degrees. Excessive rain subsided, and grass seed crops were looking healthier. Prairie ground will be very soft for swathers that must be in the gulf grass fields in 10-12 days cutting. Pollination was complete on Gulf and Fawn Fescue; Marshall close to pollination completion. Excess leaf disease in

wheat will lower yield potential. Weather conditions continued to be an issue for all crops in the Southern Willamette Valley. A small amount of grass hay has been cut, field conditions were very wet causing producers to gear up their equipment with oversized tires to make it into fields. Sweet corn planting was approximately 30 percent completed as compared to better than 75 percent last year at this time. Some producers indicated they have not seen this kind of weather pattern since 1984. Grass seed fields were now in full bloom, pollen shed lasting several weeks in grass seed fields. The weather has been very good for pasture growth and also great for survival of newly planted forestry trees and has been beneficial for good growth of forest trees. Peaches were looking ok, seen a lot of Corynum blight and hail damage. Cherries and pears were looking alright; there were lots of Pseudomonas and dead buds. Apples needed thinning, lots of apple scab. There were many reports of rust in wheat fields. Codling moth were out one day, however no catches yet since the emergence. Blueberries were poor to good fruit set and green fruit. Picking of raspberries started. Grapes were growing nicely, 12-16 inch growth and powdery mildew soon. Picking of strawberries continued but fruit was not very sweet.

LINN: The weather still remained cooler than average. Strawberry crops have suffered due to the rain and cool temperatures. Annual ryegrasses have finished pollinating. Fescue and orchard grass have been pollinating for the past week. Corn crops were up a few inches. Several of the farmers with crops along the Willamette and Santiam Rivers have crop loss due to flooding. Caneberry crops were looking good so far.

MARION: Rains tapered off but were still unseasonably cool. Winter wheat affected by stripe rust in many areas. Grasses were pollinating a lot over the weekend but were behind in development. Summer seems to be slow to arrive.

WASHINGTON: Planted field corn was stunted by cold, wet weather. Winter wheat was doing great in well drained soils. Some grass was hay baled a little green. Red clover not flailed was swathed and cut for silage. Crimson clover was maturing well. Strawberries were finally going to processors, many varieties at farmers markets and road side stands. Grapes were leafing rapidly with warmer days and nights. There was spraying of fungicide on blueberries by helicopter. Sweet corn was up but slow growing. Beans were showing growth. Cole crops were abundant at farmers markets. There was little activity at greenhouses and nurseries. Cattle were enjoying better grass growth and drier pastures. High temperature was 74 degrees and low temperature was 41 degrees. There was 0.5 inches of rain with some local areas that had near cloud bursts.

YAMHILL: Filbertworm emergence began. Cherry fruit fly sprays were being applied.

Eastern Oregon

GILLIAM: Cool, wet weather continued to favor winter wheat development, and improved grain quality over last year.

HARNEY: Cooler than normal temperatures were experienced once again throughout the County last week. A good precipitation event occurred Sunday interrupting haying operations. Cattle were enjoying a good grass year on rangeland pastures.

HOOD RIVER: Variable weather prevailed through the week. Hand thinning of summer pears and routine summer orchard operations continued throughout the Hood River Valley. Codling moth degree days reached 250 from biofix (May 14) on 6/15 at the OSU-MCAREC in Hood River. With lower than average heat units over the last nine weeks, pear harvest prediction models indicate Bartlett harvest on 21 August, and d'Anjou harvest on 10 September at the OSU-MCAREC, both six days later than average. Pinot noir grape at Eichhorn-Lorenz stages 15 through 17.

JEFFERSON: Continued cool weather has probably been favorable for grass seed pollination, which will likely be done soon. No problems to report.

KLAMATH: First cutting hay was down. Lower yields were being reported. There were problems with some onion and potato crops. Some onion crops were reported destroyed due to bugs and rot. There was a hint of warmer weather during the week with night time temperatures dipping to the freezing mark, with some rain at the end of the week.

LAKE: Warmer temperatures have improved pasture conditions and increased hay growth. Irrigation season was in full swing.

MALHEUR: There were blustery and showery weather conditions. Windy conditions made spraying difficult. Higher elevations received more rain. Grazing weather conditions were good. High temperature finally reached 80 degrees.

UMATILLA: Stripe rust continued to be a concern.

UNION/BAKER: Cold and wet conditions continued with just enough warm and dry days to start the first cutting of alfalfa (which was just rained on). Flood damage from high rainfall events over the last several weeks have affected primarily those areas that typically experience flooding during high water events, however, non-typical acreage may be included. Acreage estimates of crops flooded out from these high water events are not available at this time. Low elevation pastures were excellent, while high elevation pasture growth was delayed by cold weather. Some rust started to appear in wheat.

WALLOWA: There was some sun this past week that has helped growing conditions, but still received some moisture in the form of rain and light snow in some areas.

WASCO: Alfalfa hay growers were having a difficult time this year with all the rain. There was above normal loss of hay due to molding in the windrows. No cherries were picked; however, picking is expected to continue in the following week. Cherry fruit fly spraying continued all week. Winter wheat fields were holding bright green. Cattle were continuing to do well on mostly good pastures.

Weather data for selected stations in Oregon, Week ending: June 20, 2010 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria/Clatsop	43	66	55	-2	40	-9	0.26	-0.30	3	75.03	11.79	119	178
Bandon ⁸	44	60	53	-4	26	-16	0.02	-0.32	2	60.39	3.22	106	195
Crescent City	42	58	52	-5	17	-31	-	-0.29	-	65.02	1.43	102	153
Florence	37	64	53	-6	21	-33	0.33	-0.21	4	87.67	14.02	119	168
North Bend	45	63	54	-4	31	-22	0.01	-0.36	1	59.48	-2.03	97	158
Tillamook	43	63	54	-3	33	-9	0.40	-0.34	4	65.18	-19.20	77	174
WILLAMETTE VALLEY													
Aurora ⁸	42	67	55	-7	39	-43	0.66	0.27	3	44.15	5.17	113	168
Corvallis	43	66	55	-7	34	-45	0.28	0.00	1	42.38	1.39	103	181
Detroit Lake ⁸	42	70	52	-6	20	-39	0.72	0.22	4	85.53	20.75	132	181
Eugene	40	68	55	-8	36	-50	0.31	-0.02	4	40.39	-7.03	85	150
Hillsboro	41	69	54	-8	32	-50	0.42	0.07	4	37.41	1.84	105	156
McMinnville	38	69	54	-8	32	-49	0.04	-0.18	2	29.40	-12.31	70	138
Portland	46	69	56	-8	47	-49	0.44	0.09	4	36.41	2.21	106	178
Salem	44	70	57	-6	48	-34	0.08	-0.24	3	43.37	5.89	116	154
SW VALLEYS													
Grants Pass	44	84	59	-9	65	-51	-	-0.13	-	28.66	-1.55	95	141
Medford	43	77	60	-8	69	-49	-	-0.14	-	15.09	-2.85	84	102
Roseburg	46	72	58	-7	56	-40	-	-0.20	-	33.03	1.55	105	150
NORTH CENTRAL													
Condon	35	82	54	-7	32	-39	0.41	0.17	3	16.77	4.15	133	114
Echo ⁸	40	81	61	-8	76	-47	0.12	0.03	3	9.46	1.22	115	103
Heppner	39	83	57	-8	47	-49	1.05	0.84	4	12.87	0.22	102	99
Hermiston	40	83	62	-6	83	-40	0.16	0.07	2	9.03	0.79	110	85
Madras ⁸	37	71	52	-10	22	-63	0.22	0.03	2	10.37	1.13	112	114
Moro	41	79	55	-7	38	-44	0.31	0.17	2	14.57	4.39	143	99
Parkdale ⁸	38	73	53	-11	20	-68	0.08	-0.06	3	37.96	8.16	127	163
Pendleton	41	79	58	-10	57	-60	0.34	0.20	4	13.92	2.96	127	99
Prairie City ⁸	37	71	52	-10	22	-63	0.22	0.03	2	10.37	1.13	112	114
The Dalles	49	83	62	-1	82	-1	0.05	-0.09	1	13.27	1.72	115	105
SOUTH CENTRAL													
Agency Lake ⁸	32	71	50	-9	13	-44	-	-0.21	-	10.42	-4.48	70	91
Bend	29	78	49	-10	14	-44	0.01	-0.20	1	10.03	-0.34	97	41
Burns	25	77	52	-7	25	-35	0.30	0.09	1	10.65	1.98	123	97
Christmas Valley ⁸	25	76	50	-13	14	-71	0.12	-0.10	1	6.25	-4.77	57	92
Klamath Falls	33	77	53	-9	23	-57	0.03	-0.11	1	6.72	-5.63	54	82
Klamath Falls ⁸	33	75	53	-10	24	-56	-	-0.14	-	7.57	-4.78	61	93
Lakeview	27	76	51	-10	20	-50	0.05	-0.23	2	10.28	-4.15	71	109
Lorella ⁸	26	78	53	-9	27	-53	0.03	-0.11	1	8.77	-3.58	71	92
Redmond	30	73	51	-10	18	-53	0.06	-0.08	2	7.17	-0.20	97	82
Worden ⁸	29	73	50	-12	13	-67	-	-0.14	-	7.15	-5.20	58	80
NORTHEAST													
Baker City	31	73	51	-10	21	-56	0.43	0.08	3	9.61	0.64	107	99
Joseph	33	74	50	-5	22	-17	0.94	0.52	3	15.41	-7.03	69	95
La Grande	37	75	55	-8	41	-50	0.28	-0.07	3	12.87	-2.65	83	94
Union	37	78	56	-5	48	-26	0.38	0.02	3	15.45	3.64	131	96
SOUTHEAST													
Ontario	40	86	63	-7	94	-41	0.03	-0.12	1	10.27	1.41	116	91
Rome	32	85	56	-9	45	-60	0.20	-0.01	2	8.88	1.72	124	77

¹ Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2009.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.